F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3537	5Y-R-4	DUPAGE	342	156
STA. 167+00		TO STA.182+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62295

PROPOSED ROW

N

4th AVE.

3rd AVE.

2nd AVE.

BRIAR HILL LANE

MATCH LINE STA. 167+00

MATCH LINE STA. 182+00

EXIST. R.O.W.

PROPOSED ROW

TEMP EASEMENT

36" SAN

PP W/LIGHT

INV 688.58

INV 687.63

INV 689.03

INV 690.47

REMOVE EXISTING SS TO NEW MH LOCATION

REMOVE EXISTING SS TO NEW MH LOCATION STONE WALL

EXISTING CONDITIONS

STA. 10 WM= STA 173+23, 32' LF CONNECT TO EXISTING WATER MAIN WITH 2 - 45^ BENDS, 12" GATE VALVE AND VAULT

STA. 11+58, STA 14+42 INSTALL 12"x12"x6" TEE WITH 7 L.F. OF 6" D.I.P., AUXILIARY GATE VALVE & BOX AND FIRE HYDRANT

STA. 11+92 DIRECTIONAL DRILL CASING PIPE AND INSTALL 105 L.F. 6" FIRE SERVICE INSTALL 12"x12"x6" TEE, 6" VALVE AND BOX

STA. 14+45 INSTALL 12" GATE VALVE AND VAULT

INSTALL NEW 8" GATE VALVE AND VAULT

STA 14+83 INSTALL 12" x 12" x 8" TEE WITH 38 L.F. OF D.I.P., 8" 45^ BEND, AND VALVE AND VAULT. CONNNECT TO EXIST WATERMAIN WITH 2 - 45 ^ BENDS

STA. 17+38 INSTALL 12"x12"x6" TEE WITH 5 L.F. OF 6" D.I.P., AUXILIARY GATE VALVE & BOX AND FIRE HYDRANT

PROPOSED ..

CONNECT TO EXISTING 6" FIRE SERVICE WITH TRANSITION SLEEVE

STA. 12+93 DIRECTIONAL DRILL CASING PIPE AND INSTALL 105 L.F. 6" FIRE SERVICE INSTALL 12"x12"x6" TEE, 6" VALVE AND BOX

STA. 13+32 DIRECTIONAL DRILL CASING PIPE AND INSTALL 105 L.F. 1" SERVICE INSTALL 1" CURB STOP, CURB BOX AND 1" CORPORATION STOP

STA 14+78 DIRECTIONAL DRILL CASING PIPE AND INSTALL 105 L.F. OF 1½" SERVICE PIPE. INSTALL 1½" CURBSTOP, CURB BOX, AND 1½" CORPORATION STOP

STA 16+05 INSTALL 12"x12"x8" TEE, 8" GATE VALVE & VAULT AND 8" D.I.P.

PROP. R.O.W.

INSTALL 8" D.I.P. CONNECT TO EXISTING 8" D.I.P. WATERMAIN AT ROADWAY RESTORATIOIN LIMITS SING 8" TRANSITION SLEEVE

NOTE:
WATERMAIN SHALL BE ADJUSTED AT STORM SEWER CROSSINGS TO PROVIDE FOR MINIMUM OF 18" VERTICAL CLEARANCE AT NO ADDITIONAL COST TO THE CONTRACT.

0 50 100
HORIZ. SCALE: 1"=50'

0 5 10
VERT. SCALE: 1"=5'

PROPOSED IMPROVEMENT

STORM SEWER CROSSING MAINTAIN MINIMUM OF 18" VERTICAL SEPARATION

7'-0" (MIN)

12" DUCTILE IRON PIPE WATERMAIN

	10+00	11+00	12+00	13+00	14+00	15+00	16+00	17+00	19+00
	692.36	691.07	689.40	692.19	691.34	692.76	693.03	694.29	696.47
	686.87	687.40	687.33	687.56	687.79	688.02	688.68	689.35	691.22

710 705 700 695 690 685 680

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED WATERMAIN PLAN AND PROFILE

US ROUTE 20 (LAKE STREET)

SCALE: VERT: 1"=5' HORIZ: 1"=50'

DRAWN BY: JRH

DATE: 03/01/05

CHECKED BY: RFS

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
GRADES CHECKED
BEAM VALUES
PLAN REVISIONS
NOTE BOOK
NO.
BY
DATE
ADJUSTED TO AS-BUILT
ALIGNMENT CHECKED
AS-BUILT REVISIONS
PLAN FILE NAME

PROFILE
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